

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

Information in the shaded areas
is not required by Federal law.

3. Generator's Name and Mailing Address

Douglas Aircraft Company
19503 S. Normandie Avenue
Torrance, CA 90509
Attn: R. Tuell
Mail Code: C6-59

4. Generator's Phone

(310) 593-7231 or (310) 593-7231

5. Transporter 1 Company Name

Laidlaw Environmental Services

6. US EPA ID Number

CAD0000083121

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Norris Environmental Services
5215 S. Boyle Avenue
Los Angeles, CA 90058

10. US EPA ID Number

CAD097030993

A. State Manifest Document Number

90411906

B. State Generator's ID

HAHQ36005698

C. State Transporter's ID

225-423518

D. Transporter's Phone

(310) 518-4700

E. State Transporter's ID

CAD097030993

F. Facility's Phone

(213) 588-7111

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. RQ, Waste Corrosive Liquids, N.O.S.,
(Sulfuric Acid),
B, UN1760, PG II, (D007)

12. Containers
No. Type

001 TT 27350 P

13. Total
Quantity

14. Unit
Wt/Vol

1. Waste No.

State 792

EPA/Other 2002

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

ID# E0106200002CR
TANK 6703 - Sulfuric Acid from Aluminum Etching
Sulfuric Acid 10-20%, Sodium Dichromate
2-5%, Water 75-100%

K. Handling Codes for Wastes Listed Above

a. 15

c.

b.

d.

15. Special Handling Instructions and Additional Information

Ja. D007
Emergency Response Telephone Number: (800) 424-9300 (ChemTree)
DOT ERG #60
Bill Laidlaw PO# 5044

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Robert G. Tuell, Jr.

Month Day Year

09/10/93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Robert Gonzalez

Signature

Robert Gonzalez

Month Day Year

10/10/93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

FELICIDAD VALIENTE

Signature

Felicidad Valiente

Month Day Year

09/11/93

90411906
GENERATOR
TRANSPORTER
FACILITY
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

Please print or type. Form designed for use on elite (12-pitch typewriter).

90411906
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL
DISASTER CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Douglas Aircraft Company 19503 S. Normandie Avenue Torrance, CA 90502		4. Generator's Phone (310) 533-7222 OR (310) 533-7231		A. State Manifest Document Number 90411906	
5. Transporter 1 Company Name Laidlaw Environmental Services		6. US EPA ID Number CAD000083121		B. State Generator's ID HAHQ36005698	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID HAHQ36005698	
9. Designated Facility Name and Site Address Norris Environmental Services 5215 S. Boyle Avenue Los Angeles, CA 90058		10. US EPA ID Number CAD0971030993		D. Transporter's Phone (310) 518-4700	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (213) 588-7111	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RR Waste Corrosive Liquids, N.O.S., (Sulfuric Acid), 8, UN1760, PG II, (DOOT)		001	TT	27350	P
b.					State 792
c.					EPA/Other DOOT
d.					State
					EPA/Other
					State
					EPA/Other
J. Additional Descriptions for Materials Listed Above ID# E0106200002CR TANK 6703-Sulfuric Acid From Aluminum Etching Sulfuric Acid 10-20%, Sodium Dichromate 2-5%, Water 75-100%		K. Handling Codes for Wastes Listed Above			
		a.			
		b.			
		c.			
		d.			
15. Special Handling Instructions and Additional Information Eq. DOOT Emergency Response Telephone Numbers: (800) 424-9300 (ChemTree) DOT ERG #60					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Robert G. Tuell, Jr.		Signature <i>Robert G. Tuell, Jr.</i>		Month Day Year 09/10/93	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Robert Gonzalez		Signature <i>Robert Gonzalez</i>		Month Day Year 10/9/93	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

WEIGHT TICKET

VENDOR: Laidlaw

GROSS

59 810 P

TRUCK #

16044

TARE

32 460 P

DATE: 09-10-93

NET

27,350 P

CONTENTS: Tank 6703

DISPOSAL FACILITY: Norris

DRUM COUNT

N/A

DRIVER: Robert Gonzalez

GALLONS

STATE MANIFEST DOCUMENT NUMBER: 11906/90411906

918039

TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD000083121

☐ 4501 Pacheco Blvd.
Martinez, CA 94553
(510) 372-4800

☐ 3237 Patton Way
Bakersfield, CA 93308
(805) 835-5801 or
(805) 589-4970

☒ 221 E. "D" Street
Wilmington, CA 90744
(310) 518-4700

Customer Name: Douglas Aircraft Telephone: 310-533-7926
Billing Address: 14503 Normandie Ave Contact Person: Robert Tuell
City: Torrance State Ca BOE #: _____
Job Location: Same Destination: _____
Type of Material: Waste, Corrosive Liquid, N.O.S. Sales Person: _____
Generator: Same EPA Number: _____
Generator ID Number (State): CAD0006510005 Facility EPA NO.: _____
Disposal: LES Facility _____ Outside Facility _____ None _____ Customer P.O. _____
Manifest # 90411906 # _____ # _____
Services Performed pumped approx 2500 gallons of Sulfuric Acid & Sodium Dichromate

Start Miles: _____ End Miles: _____ Total Miles: _____
Truck No.: 16044 Trailer No: 16044T Net Wgt: 27350 P
Capacity: _____

Driver Time: Start (AM/PM) 0600 Stop (AM/PM) _____ Gross Time _____
Meals: Start Time (AM/PM) _____ Stop (AM/PM) _____ Less Time _____
Other Time _____ Detail _____ Adj. Time _____
Driver's Name _____ Driver No. _____ Total Time _____
Customer Site: Time In 0700 Disposal Site: Time In _____ Time In _____
Time Out 1130 Time Out _____ Time Out _____

Explanation of Time: _____

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Robert E. Tuell, Jr.

FOR ACCOUNTING ONLY

OD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	N/HAZ SOLIDS				
14000	TRANS		DT			24010	HAZ LIQUIDS				
	2ND DRIVER					24010	N/HAZ LIQUIDS				
	SUBHAULER					24020	DRUMS				
54045	LABOR					24025	SOLID SURCHG				
94065	BIN RENTAL					24025	STABILIZATION				
14000	TRANS (NO DISP)					24025	LIQ SURCHG				
14000	WASHOUT						TAXES				
14000	SCALE/CERTS						TAXES				
14000	SUBSISTENCE					34035	ANALYTICAL				
74055	TOLLS					74055	MISC CHARGES				
465	TYVEK					74055	MISC CHARGES				
90465	BOOTS										
90465	GOGGLES										
90465	GLOVES										
90465	BIN LINERS										
70455	OTHERS										

LAND DISPOSAL RESTRICTION NOTIFICATION

Generator Name: Douglas Aircraft Company EPA ID Number: CAD086510005Manifest Number: 11906/90411906 Date of Shipment: 09-10-93Indicate Waste Line Item (11): a

This notification is hereby submitted to NORRIS ENVIRONMENTAL SERVICES in compliance with EPA regulations described in 40 CFR Part 268 which prohibit the land disposal of certain hazardous wastes, unless these wastes are treated to meet specified standards or treated using specified treatment technologies.

I have marked the appropriate box(es) below, which indicates how my waste must be managed to conform to land disposal ban and/or federal regulations.

RCRA Land Disposal NotificationCalifornia List Wastes Notification

- ☐ Liquid hazardous waste including free liquids associated with any solid or sludge containing free cyanide at concentrations greater than or equal to 1000mg/L.

Treatment Standard-Cyanide Destruction Stabilization

- ☒ Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing the following metals (or elements) at concentrations greater than or equal to those specified below:

Treatment Standard-Metals Recovery Stabilization

(check those that apply)

- | | |
|---|-------------|
| <input type="checkbox"/> Arsenic and/or compounds (as As) | 5.0 mg/L; |
| <input type="checkbox"/> Barium and/or compounds (as Ba) | 100.0 mg/L; |
| <input type="checkbox"/> Cadmium and/or compounds (as Cd) | 1.0 mg/L; |
| <input checked="" type="checkbox"/> Chromium (VI and/or compounds as Cr VI) | 5.0 mg/L; |
| <input type="checkbox"/> Lead and/or compounds (as Pb) | 5.0 mg/L; |
| <input type="checkbox"/> Mercury and/or compounds (as Hg) | 0.2 mg/L; |
| <input type="checkbox"/> Selenium and/or compounds (as Se) | 1.0 mg/L; |
| <input type="checkbox"/> Silver and/or compounds (as Ag) | 5.0 mg/L. |

- ☐ Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1,000 mg/L and less than 10,000 mg/L. HOCs (see attached listing of HOC constituents)

Treatment Standard-Carbon Adsorption Steam Stripping

- ☐ Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm.

Treatment Standard-Incineration, high efficiency boiler, other thermal treatment

- ☒ Liquid hazardous wastes having a pH less than or equal to two(2) or pH equal to or greater than 12.5.

Treatment Standard-Neutralization Stabilization

- ☐ The spent solvent wastes specified in 40 CFR 261.31 as EPA Hazardous Wastes Nos F001, F002, F003, F004 and F005.

Treatment Standard-Specify technology used to meet Table CCWE _____ Check constituent(s) on Table CCWE which were reduced below treatment standards

The most recent copy of waste analysis or a description of the knowledge upon which this notification is based is attached. I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Robert G. Tuell, Jr.

Print Name

Senior Plant Engineer

Title

09-10-93

Date

Robert G. Tuell, Jr.

Signature

(310) 533-7926

Telephone Number

Waste Requires Treatment

- ☒ I am the initial generator of an untreated waste identified above which must be treated in the appropriate treatment standard set forth in 40 CFR 268 Subpart D, or where no treatment standard exists for the California List Waste, the waste must be treated to the levels specified under 40 CFR 268.32.

Waste Treated to Performance Standards

- ☐ The waste identified above has been treated in compliance with the applicable performance standards specified in 40 CFR 268 Subpart D and/or the applicable prohibitions set forth in 40 CFR 268.32. "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(s) without dilutions of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Waste Subject to Variance

- ☐ The waste identified above is subject to a case-by-case extension under 40 CFR 268.5, a no-migration petition under 40 CFR 268.6, a nationwide variance under Subpart C, or is soil or debris generated from a response action taken under CERCLA or corrective action under RCRA.

NORRIS ENVIRONMENTAL SERVICES
CHEMICAL WASTE PROFILE DATA**ACTION REQUESTED (INITIAL ONE)**

Acceptance & Pricing

Hard Copy Certified Analysis

FOR CERTIFIED ANALYSIS, INVOICE

Generator Agent

Account No.

As prescribed by the Resource Conservation and Recovery Act (Public Law 98-580 Sec. 3004), a detailed chemical and physical analysis must be submitted before we can handle your waste stream. This information is necessary to help us evaluate whether we can safely treat and dispose of your controlled industrial wastes in an environmentally sound manner.

Please note that we are prohibited by permit from treating waste containing: polychlorinated biphenyls (PCB's) as defined by the USEPA in regulations issued pursuant to the Toxic Substance Control Act under 40 CFR 761; explosive material as defined by DOT under CFR 173; radioactive waste; infectious materials; organic materials; and putrescible wastes.

A. GENERATOR INFORMATION		WASTE PROFILE NO.	
GENERATOR'S NAME <u>Douglas Aircraft Company</u>		AGENT	
ADDRESS <u>19503 S. Normandie Avenue, ^{Mail Code} CB-59</u>		AGENT'S PHONE	
CITY <u>Torrance</u>	STATE <u>CA</u>	ZIP <u>90502</u>	AGENT CONTACT
US EPA ID# <u>CAD086510005</u>		STATE ID# <u>HAHQ 36005698</u>	
GENERATOR CONTACT <u>Robert G. Tuell, Jr.</u>		TITLE <u>Senior Plant Engineer</u>	
NAME OF WASTE <u>Tank 6703 - Sulfuric Acid</u>		PROCESS GENERATING WASTE <u>Aluminum Etching</u>	

B. PHYSICAL CHARACTERISTICS OF WASTE		LAYERS		FREE LIQUIDS	
COLOR <u>Brown</u>	ODOR <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> STRONG	PHYSICAL STATE AT 70F <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> POWDER		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
DESCRIBE <u>Acid</u>		<input type="checkbox"/> MULTILAYERED <input type="checkbox"/> BI-LAYERED <input checked="" type="checkbox"/> SINGLE PHASED		VOLUME <u>100</u> % SOLID <u>0</u> %	
pH <u>0-2</u> SPECIFIC GRAVITY: <u>1-1.5</u> TEMP: <u>70-100°F</u> FLASH POINT (CLOSED CUP): <u>NONE</u>					

C. CHEMICAL COMPOSITION OF WASTE: ADD UP TO 100%

COMPOSITE	RANGE	COMPOSITE	RANGE	COMPOSITE	RANGE
Sulfuric Acid	10-20 %		%		%
Sodium Dichromate	2-5 %		%		%
Water	75-100 %		%		%

D. OTHER COMPONENTS TOTAL EXPRESSED IN PPM OR % (PLEASE CIRCLE ONE)CYANIDES: (☒) SULFIDES: (☒) PHENOLICS: (☒) ORGANIC CHLORIDES: (☒)**E. METALS - EXPRESSED IN PPM OR (%) (PLEASE CIRCLE ONE)**

SILVER (Ag)	N/D	COBALT (Co)	N/D	LEAD (Pb)	N/D
ARSENIC (As)	N/D	CHROMIUM (Cr)	1-3 %	SELENIUM (Se)	N/D
GOLD (Au)	N/D	COPPER (Cu)	N/D	TITANIUM (Ti)	N/D
BARIUM (Ba)	N/D	MERCURY (Hg)	N/D	VANADIUM (V)	N/D
CADMIUM (Cd)	N/D	NICKEL (Ni)	N/D	ZINC (Zn)	N/D

F. HAZARDOUS CHARACTERISTICS

PYROPHORIC	No	SHOCK SENSITIVE	No	BIOLOGICAL	No	TOXIC	Yes
WATER REACTIVE	No	RADIOACTIVE	No	CORROSIVE	Yes	IGNITABLE	No

RECORD VALUES OF VOLATILE ORGANIC COMPOUNDS PER ATTACHMENT**G. SHIPPING INFORMATION**

PROPER SHIPPING NAME <u>RQ, Waste Corrosive Liquids, N.O.S., (Sulfuric Acid)</u>	
US EPA HAZARDOUS CODES <u>D002, D007</u>	CAL EPA WASTE CODES <u>792</u>
DOT HAZARD CLASS <u>8, PG II</u>	ID # <u>UN1760</u> R.Q. <u>D002, D007</u>
METHOD OF SHIPMENT: <input checked="" type="checkbox"/> BULK LIQUID <input type="checkbox"/> CONTAINER: SIZE(S) _____ # OF EACH _____	
QUANTITY: GAL. (<u>3000</u>) CUBIC YARDS() FREQUENCY: <input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY	

H. SPECIAL HANDLING INSTRUCTIONS/ADDITIONAL INFORMATIONWear gloves, goggles, proper chemical protective suits and appropriate respiratory protection.

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND ABILITY AND THAT ALL KNOWN AND SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

Robert G. Tuell, Jr. Senior Plant Engineer 09-10-93
GENERATOR'S SIGNATURE TITLE DATE

NORRIS ENVIRONMENTAL SERVICES
SIGNATURE

TITLE

DATE